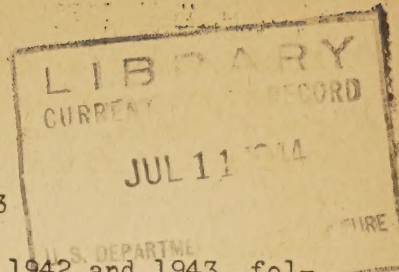


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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS
CROP REPORTING BOARD

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APPLE PRODUCTION, BY VARIETIES, 1942 AND 1943



The Delicious variety of apples led all others in importance in 1942 and 1943, followed in order by Winesap and McIntosh, according to a supplementary report on commercial apple production by the Crop Reporting Board of the Bureau of Agricultural Economics. This is the first report issued pertaining to production by varieties.

The estimates are based upon annual surveys of production by varieties and monthly surveys of condition by varieties. For California, the acreage estimates of fruit and nut crops published by the U. S. Department of Agriculture in cooperation with the California Department of Agriculture were also used. For Washington, the Traffic Association reports on shipments provided an additional basis for the estimates. Earlier comprehensive mail and field surveys in several States were valuable aids in estimating production by varieties.

Since this is the first attempt to estimate production of apples by varieties, the estimates are not to be considered as precise measurements of the absolute production of each variety. It is believed, however, that they measure with reasonable accuracy the changes in production between 1942 and 1943 for the major varieties and the relative importance of each variety in the States and groups of States for which separate estimates are shown. Revisions will be made whenever additional information becomes available in any State or area.

Although there are several hundred varieties of apples grown in the nation, the bulk of the commercial production is represented by the relatively few varieties listed in this report. Production of varieties not listed are included under the headings of "other summer", "other fall" and "other winter." In some instances it was necessary to include in these "other" groups, varieties which are important for certain individual States but are relatively unimportant from a national viewpoint. In cases where the production of a major variety or varieties is insignificant in a State, these small quantities are included with "other varieties" for that State.

The designation of certain apple varieties as summer, fall and winter sometimes varies in different sections of the country. In this report, however, each variety is classified according to the season that is most representative of the variety for the country as a whole.

Total commercial production of all varieties in the United States was 88,086,000 bushels in 1943 - the smallest crop produced in the 10-year (1934-43) period for which estimates have been made on a commercial area basis. California produced a heavy crop in 1943 - 15 percent above average. The western region as a whole, with 38,213,000 bushels in 1943, was 6 percent below 1942 and 16 percent below the eight-year (1934-41) average.

Production was shortest in the South Atlantic area. The 9,128,000 bushel crop in 1943 was only 40 percent of the 1942 crop of 23,017,000 bushels. In the North Atlantic area, the production total of 24,886,000 bushels was 62 percent of 1942. The Central States total of 15,859,000 bushels in 1943 was 65 percent of the 1942 production

The difference in geographic distribution between the 1942 and 1943 crops is indicated by the percentage which each area total was of the United States total in each year. These percentages in 1942 and 1943 respectively were as follows: North Atlantic 31 and 28, South Atlantic 18 and 10, Central States 19 and 18, and Western 32 and 44.

SUMMER VARIETIES

Summer apples are defined as those harvested in the summer months. These varieties do not keep well in storage and are sold immediately after harvest mostly in the fresh market. Only a small proportion of the United States commercial apple production is included in the summer varieties - 6.5 percent in 1943 and 4.3 percent in 1942.

Total commercial production of summer varieties in 1943 was 5,738,000 bushels, about 4 percent more than in 1942, although production of all commercial apples was 31 percent less. California Gravensteins, the supply of which was nearly twice as large in 1943 as in 1942, accounted for most of this increase, comprising nearly half of all summer apples in the United States in 1943 but only about 24 percent in 1942. Gravensteins are not important outside of California. Duchess and Yellow Transparent are important summer varieties in the eastern and central States.

FALL VARIETIES

Fall apples totaling 13,185,000 bushels in 1943 were about 15 percent of the supply of all commercial apples. In 1942 fall apple production was 17,858,000 bushels, or about 14 percent of the total. Fall varieties are defined as those harvested in the late summer and early fall and have a more limited safe storage period than winter apples. Important varieties in this group are Grimes Golden, Jonathan and Wealthy. Less important fall varieties not separately estimated include Bellflower, Snows, and Northwest Greening. Bellflowers are important only in California.

Jonathan: This is the most important fall variety grown in the United States. In 1943 Jonathans totaled 6,854,000 bushels compared with 9,523,000 bushels in 1942 and were between 7 and 8 percent of the United States commercial crop each year. Jonathans are widely grown in nearly all commercial apple States except New England and New York. In Michigan, this is the most important variety and in 1943 and 1942 comprised more than a fifth of Michigan's total apple production. Washington produces more Jonathans than any other State - more than a fourth of the United States production of this variety but Jonathans were only about 9 percent of the total production of all varieties in that State in 1943 and 1942.

Grimes Golden: Production of this variety at 1,560,000 bushels in 1943 and 2,757,000 bushels in 1942 comprised about 2 percent of the United States commercial production each year. Grimes Golden are more important in the North Central States, Pennsylvania, Virginia, and West Virginia than in other areas. Very few Grimes Golden are grown in New York, New England or the Western States.

Wealthy: This is one of the few varieties with a larger crop in 1943 than in 1942. The 1943 crop of 2,336,000 bushels was 11 percent larger than the 2,099,000 bushels in 1942 and comprised 2.7 and 1.6 percent of United States commercial production, respectively, in those years. Practically all Wealthy apples are produced in the North Central and Northeastern States, with about half the United States total in New York and Michigan combined.

WINTER VARIETIES

Most of the apples crop - 79 percent in 1943 and 82 percent in 1942 - is included in the winter variety group. Production of winter apples totaled 69,163,000 bushels in 1943 and 104,901,000 bushels in 1942. In general, these apples are harvested in the fall and keep well in storage. The end of the storage season varies from early winter until late spring.

Baldwin: Production of 2,637,000 bushels of this variety in 1943 was only 39 percent of the 1942 crop of 6,790,000 bushels and comprised about 3 and 5 percent, respectively, of the commercial crop of all apples. Baldwins are grown almost exclusively in the northeastern section of the country and in the central States of Ohio, Indiana, and Michigan. New York is by far the most important State for this variety, and in 1943 and 1942 produced more than two-fifths of the country's Baldwin crop. Production of this variety has been declining for many years. The severe

winter of 1933-34 killed a large number of Baldwin trees with losses especially heavy in Maine and New York.

Ben Davis and Gano: These varieties totaled 2,285,000 bushels in 1943 and 3,583,000 bushels in 1942, amounting to less than 3 percent of the U. S. commercial apple crop. One or both of these varieties are important in New York, Pennsylvania, Virginia, West Virginia, and Colorado and are grown to a limited extent in most of the other commercial apple States. Production has decreased materially during the past several year.

Black Twig or Paragon: This variety accounts for less than 1 percent of total commercial apple production in the United States and is of commercial importance mainly in Pennsylvania, and the southeastern apple States. The United States crop was 543,000 bushels in 1943 and 1,211,000 bushels in 1942.

Cortland: Cortland apples are important only in New England, New York, and Pennsylvania, and comprise only slightly more than 1 percent of the United States crop. Production amounted to 1,183,000 bushels in 1943 and 1,652,000 bushels in 1942. In New York, the 1943 Cortland crop was about 7 percent of the State's commercial apple crop and in 1942 about 6 percent. In both 1943 and 1942, New York produced more than two-thirds of all Cortlands. Production of this variety has been increasing for many years.

Delicious: For the country as a whole, the Delicious is the most important variety with production in 1943 totaling 14,180,000 bushels compared with 20,734,000 bushels in 1942. Delicious are grown almost entirely for packing and storing for sale in the fresh markets as a dessert apple. This variety is important in nearly all commercial apple States. Washington, however, is the only State where Delicious is the most important apple variety. About two-fifths of the total Washington commercial crops in 1942 and 1943 were Delicious, while about 65 percent of the nation's commercial Delicious production was grown in Washington in 1943 and 56 percent in 1942. Virginia usually ranks second among the States in the production of Delicious apples. In 1943, however, the Virginia Delicious crop was almost a failure, accounting for only about 1 percent of the United States Delicious supply compared with more than 7 percent in 1942. Production of Delicious apples has shown a moderate to marked increase for many years in nearly all commercial apple areas of the country. The red sports of this variety have made the greatest gains during the past several years.

Golden Delicious: The 1943 crop of 2,358,000 bushels was a little less than 3 percent of total commercial production while the 1942 crop of 2,319,000 bushels was a little less than 2 percent of commercial production. This is one of the few varieties with a larger crop in 1943 than in 1942. Washington has the largest Golden Delicious production, even though this is a minor variety in that State. The 1943 production in Washington was almost four-fifths larger than the 1942 production. Good crops were also produced in 1943 in New Jersey, Pennsylvania and nearly all North Central States. Only poor to fair crops were produced in the Southeastern States.

McIntosh: The McIntosh variety, which has increased sharply for several years, is now one of the three most important apple varieties in the United States. With a production of 9,249,000 bushels in 1943 and 13,609,000 bushels in 1942, it accounted for between 10 and 11 percent of total commercial apple production in the country. McIntosh is most important in the Northeastern and North Central States, particularly New England, New York, and Michigan. In other sections of the country, except for Montana, where the bulk of the apple production is McIntosh, this variety is of minor importance. In 1943 and 1942 more than half of all apples grown in New England and almost a third of all New York apples were of this variety.

Northern Spy: In 1943 and 1942 this variety comprised about 2 percent of the total commercial apple production in the country with crops of 1,600,000 bushels and 2,429,000 bushels, respectively. Northern Spys are grown almost entirely in the northeastern section of the United States and in the central States of

Ohio, Indiana, and Michigan. New York and Michigan are the two most important "Spy" States and together produced more than three-fourths of the crops of 1943 and 1942.

Rhode Island Greening: Production of this variety was 1,733,000 bushels in 1943 and 2,826,000 bushels in 1942, or about 2 percent of the commercial apples for the country. New York had more than four-fifths of the Rhode Island Greening crop in 1943 and 1942. This is one of the three most important varieties in New York.

Rome Beauty: Production in 1943 was 5,597,000 bushels which was 6.4 percent of the nation's commercial apples. The 1942 crop was 6,804,000 bushels, or 5.3 percent of all commercial apples. Romes are important in Washington, New York, Pennsylvania, New Jersey, California, Ohio and Idaho. Washington has the largest production of any State. In 1943 Romes were only about 10 percent of commercial production in Washington and in 1942 about 6 percent. In 1943 the crop of Romes in Washington was about two-fifths of the total production of this variety in the United States and in 1942 it was about one-fourth.

Stayman or Stayman Winesap: A short crop of only 3,683,000 bushels of Stayman apples was produced in 1943 compared with 8,569,000 bushels in 1942. Staymans made up 4.2 percent of United States commercial production in 1943 and 6.7 percent in 1942. In Pennsylvania, this is the most important variety, exceeding the production of the York Imperial by a slight margin. The Pennsylvania Stayman crops in 1943 and 1942 were about one-fourth of the total commercial apple production for that State, and nearly one-third of the commercial Stayman production for the United States. Commercial production of this variety is also important in Virginia, West Virginia, New Jersey, Ohio, and Washington.

Winesap: Winesaps, with 9,869,000 bushels in 1943 and 13,092,000 bushels in 1942, comprised 10 to 11 percent of United States commercial production. This variety is of major importance in Washington where the Winesap crop was more than a third of commercial production of all varieties in 1943 and 1942. Washington Winesaps accounted for about four-fifths of United States Winesap production in 1943 and about three-fourths in 1942. Winesaps are also important in Virginia but are relatively unimportant in other States. The importance of this variety has increased moderately during the past several years.

Yellow Newtown or Albemarle Pippin: The 1943 crop of Yellow Newtowns was 3,898,000 bushels compared with the 1942 crop of 4,222,000 bushels. This variety is grown almost exclusively in Virginia and in the Pacific Coast States. In Virginia it is commonly known as Albemarle Pippin and in the West as Yellow Newtown. Total United States commercial production of this variety was 4.4 percent of all commercial apples in 1943 and 3.3 percent in 1942. In both California and Oregon, Yellow Newtown is the most important apple variety. In 1943 these two States produced about 90 percent of the U. S. crop of this variety and in 1942 about 75 percent.

York Imperial: Total United States commercial production of "Yorks" in 1943, at 4,250,000 bushels, was slightly less than half as large as the 1942 crop of 8,725,000 bushels. In 1943, Yorks made up about 5 percent of the total commercial apple production in the country and in 1942 about 7 percent. Practically all of this variety is grown in Pennsylvania, Maryland, Virginia and West Virginia. In Virginia and West Virginia, Yorks are the most important variety, comprising about one-third of the commercial apple production in these States in 1943 and 1942. In Pennsylvania, Yorks rank second only to Staymens in importance and were about one-fourth of total commercial production in the State in 1943 and 1942.

Estimates of commercial production for the principal varieties of apples in the United States are shown for the more important producing States and regions for 1942 and 1943 in the following tables. The tables are arranged to facilitate comparisons between States and regions for each variety and also between varieties for each State and region.

COMMERCIAL APPLE PRODUCTION BY VARIETIES, STATES AND AREAS

1942 and 1943.

Area and State	Summer Varieties				Fall Varieties			
	Gravenstein		Other Summer		Total Summer		Grimes Golden	
	1942	1943	1942	1943	1942	1943	1942	1943
Thousand bushels								
<u>North Atlantic</u>								
New England	180	104	163	97	343	201	--	--
New York	--	--	570	490	570	490	--	--
New Jersey	32	20	421	304	453	324	97	61
Pennsylvania	--	--	301	152	301	152	301	101
Total North Atlantic	212	124	1,455	1,043	1,667	1,167	398	162
<u>South Atlantic</u>								
Virginia	--	--	282	104	282	104	423	157
West Virginia	--	--	188	123	188	123	469	184
Other States 1/	--	--	361	206	361	206	204	104
Total South Atlantic	--	--	831	433	831	433	1,096	445
<u>Central States</u>								
Ohio	--	--	255	139	255	139	383	121
Michigan	--	--	388	381	388	381	379	283
Other States 2/	--	--	771	884	771	884	438	505
Total Central	--	--	1,414	1,404	1,414	1,404	1,200	909
<u>Western States</u>								
Washington	--	--	50	43	50	43	--	--
California	1,315	2,470	119	88	1,434	2,558	--	--
Other States 3/	62	67	56	66	118	133	63	44
Total Western	1,377	2,537	225	197	1,602	2,734	63	44
Total 35 States	1,589	2,661	3,925	3,077	5,514	5,738	2,757	1,560

Area and State	Fall Varieties (Continued)							
	Jonathan		Wealthy		Other Fall		Total Fall	
	1942	1943	1942	1943	1942	1943	1942	1943
Thousand bushels								
<u>North Atlantic</u>								
New England	--	--	1466	134	86	42	232	176
New York	--	--	860	735	570	490	1,330	1,225
New Jersey	97	41	65	81	130	101	389	284
Pennsylvania	401	203	200	254	300	152	1,202	710
Total North Atlantic	498	244	1,171	1,204	1,086	785	3,153	2,395
<u>South Atlantic</u>								
Virginia	282	105	--	--	423	104	1,128	366
West Virginia	281	102	--	--	187	82	937	368
Other States 1/	119	53	64	42	83	57	470	256
Total South	682	260	64	42	693	243	2,535	990
<u>Central States</u>								
Ohio	638	340	128	121	128	49	1,277	631
Michigan	1,939	1,376	369	504	203	117	2,890	2,280
Other States 2/	1,743	1,192	344	444	337	306	2,862	2,447
Total Central	4,320	2,908	841	1,069	668	472	7,029	5,358
<u>Western States</u>								
Washington	2,400	2,087	--	--	126	50	2,526	2,137
California	179	265	--	--	778	793	957	1,058
Other States 3/	1,444	1,090	23	21	128	92	1,658	1,247
Total Western	4,023	3,442	23	21	1,032	935	5,141	4,442
Total 35 States	9,523	6,854	2,099	2,336	3,479	2,435	17,858	13,185

1/, 2/, 3/, See page 8 for Footnotes.

COMMERCIAL APPLE PRODUCTION BY VARIETIES, STATES, AND AREAS

1942 and 1943.

Area and States	Winter Varieties					
	Baldwin		Ben Davis and Gano		Black Twig (Paragon)	
	1942	1943	1942	1943	1942	1943
	Thousand bushels					
<u>North Atlantic</u>						
New England	1,706	630	24	14	--	--
New York	2,850	1,250	950	735	--	--
New Jersey	130	20	32	10	65	40
Pennsylvania	301	127	301	152	201	76
Total North Atlantic	4,987	2,027	1,307	911	266	116
<u>South Atlantic</u>						
Virginia	--	--	845	313	423	157
West Virginia	--	--	328	184	140	41
Other States 1/	--	--	118	55	314	129
Total South Atlantic	--	--	1,291	552	877	327
<u>Central States</u>						
Ohio	1,022	250	128	49	--	--
Michigan	767	350	129	110	--	--
Other States 2/	14	10	273	218	15	24
Total Central	1,803	610	530	377	15	24
<u>Western States</u>						
Washington	--	--	90	70	--	--
California	--	--	--	--	--	--
Other States 3/	--	--	365	375	53	76
Total Western	--	--	455	445	53	76
Total 35 States	6,790	2,637	3,583	2,285	1,211	543

Area and States	Winter Varieties (Continued)					
	Cortland		Delicious		Golden Delicious	
	1942	1943	1942	1943	1942	1943
	Thousand bushels					
<u>North Atlantic</u>						
New England	304	208	304	203	--	--
New York	1,140	857	760	430	--	--
New Jersey	--	--	324	183	97	122
Pennsylvania	201	101	903	456	201	178
Total North Atlantic	1,645	1,166	2,291	1,272	298	300
<u>South Atlantic</u>						
Virginia	--	--	1,550	157	282	104
West Virginia	--	--	469	123	94	61
Other States 1/	--	--	730	193	177	125
Total South	--	--	2,749	473	553	290
<u>Central States</u>						
Ohio	--	--	638	194	128	121
Michigan	--	--	739	326	92	74
Other States 2/	7	17	825	617	801	828
Total Central	7	17	2,202	1,137	1,021	1,023
<u>Western States</u>						
Washington	--	--	11,610	9,227	413	737
California	--	--	538	706	--	--
Other States 3/	--	--	1,344	1,365	34	8
Total Western	--	--	13,492	11,298	447	745
Total 35 States	1,652	1,183	20,734	14,180	2,319	2,358

1/, 2/, 3/, See page 8 for footnotes.

COMMERCIAL APPLE PRODUCTION BY VARIETIES, STATES, AND AREAS
1942 and 1943

Area and State	Winter Varieties (Continued)					
	McIntosh		Northern Spy		R. I. Greening	
	1942	1943	1942	1943	1942	1943
Thousand bushels						
<u>North Atlantic</u>						
New England	4,464	3,582	277	246	147	84
New York	6,077	3,800	950	650	2,280	1,470
New Jersey	324	162	--	--	15	20
Pennsylvania	502	203	100	76	30	10
Total North Atlantic	11,367	7,747	1,327	972	2,472	1,584
<u>South Atlantic</u>						
Virginia	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--
Other States 1/	--	--	--	--	--	--
Total South Atlantic	--	--	--	--	--	--
<u>Central States</u>						
Ohio	253	97	128	35	128	35
Michigan	1,478	897	960	583	212	110
Other States 2/	259	191	14	10	14	4
Total Central	1,990	1,185	1,102	628	354	149
<u>Western States</u>						
Washington	80	80	--	--	--	--
California	--	--	--	--	--	--
Other States 3/	172	237	--	--	--	--
Total Western	252	317	--	--	--	--
Total 35 States	13,609	9,249	2,429	1,600	2,826	1,733

Area and State	Winter Varieties (Continued)					
	Rome Beauty		Stayman		Winesap	
	1942	1943	1942	1943	1942	1943
Thousand bushels						
<u>North Atlantic</u>						
New England	19	16	19	8	--	--
New York	570	490	--	--	--	--
New Jersey	518	426	551	264	97	41
Pennsylvania	702	456	2,508	1,166	100	51
Total North Atlantic	1,809	1,388	3,078	1,438	197	92
<u>South Atlantic</u>						
Virginia	141	52	2,255	731	1,973	783
West Virginia	234	102	656	266	141	61
Other States 1/	216	105	973	382	85	72
Total South Atlantic	591	259	3,884	1,379	2,199	916
<u>Central States</u>						
Ohio	958	412	766	218	--	--
Michigan	--	--	212	68	--	--
Other States 2/	385	186	297	272	437	430
Total Central	1,343	598	1,275	558	437	430
<u>Western States</u>						
Washington	1,620	2,263	270	232	9,850	7,943
California	299	441	--	--	60	176
Other States 3/	1,142	648	62	76	349	312
Total Western	3,061	3,352	332	308	10,259	8,431
Total 35 States	6,804	5,597	8,569	3,683	13,092	9,869

See page 8 for footnotes.

COMMERCIAL APPLE PRODUCTION BY VARIETIES, STATES AND AREAS
1942 and 1943

Area and State	Winter Varieties (Continued)					
	Yellow Newtown		York Imperial		Other Winter	
	1942	1943	1942	1943	1942	1943
Thousand bushels						
North Atlantic						
New England	--	--	--	--	320	170
New York	--	--	--	--	1,520	853
New Jersey	--	--	32	20	212	112
Pennsylvania	--	--	2,307	1,014	171	142
Total North Atlantic	--	--	2,339	1,034	2,223	1,277
South Atlantic						
Virginia	* 564	* 157	4,228	2,140	423	156
West Virginia	--	--	1,359	696	140	21
Other States 1/	--	--	506	239	287	100
Total South Atlantic	564	157	6,093	3,075	850	277
Central States						
Ohio	--	--	128	40	575	201
Michigan	--	--	--	--	1,367	965
Other States 2/	--	--	127	84	1,609	1,071
Total Central	--	--	255	124	3,551	2,237
Western States						
Washington	540	232	--	--	290	220
California	1,973	2,470	--	--	718	1,411
Other States 3/	1,145	1,039	38	17	704	676
Total Western	3,658	3,741	38	17	1,712	2,307
Total 35 States	4,222	3,898	8,725	4,250	8,336	6,098

* Albemarle Pippin

Area and State	Total		Total		1/ Other South Atlantic States include Del., Md., and N.C.
	Winter Varieties		All Varieties		
	1942	1943	1942	1943	
Thousand bushels					2/ Other Central States include Ind., Ill., Wisc., Minn., Iowa, Mo., Nebr., Kans., Ky., Tenn., and Ark.
North Atlantic					
New England	7,584	5,161	8,159	5,538	
New York	17,097	10,535	18,997	12,250	3/ Other Western States include Mont., Idaho, Colo., N. Mex., Utah and Oregon.
New Jersey	2,397	1,420	3,239	2,028	
Pennsylvania	8,528	4,208	10,031	5,070	
Total North Atlantic	35,606	21,324	40,426	24,886	
South Atlantic					
Virginia	12,684	4,750	14,094	5,220	
West Virginia	3,561	1,555	4,686	2,046	
Other States 1/	3,406	1,400	4,237	1,862	
Total South Atlantic	19,651	7,705	23,017	9,128	
Central States					
Ohio	4,852	1,652	6,384	2,422	
Michigan	5,956	3,483	9,234	6,144	
Other States 2/	5,077	3,962	8,710	7,293	
Total Central	15,885	9,097	24,328	15,859	
Western States					
Washington	24,763	21,004	27,339	23,184	
California	3,588	5,204	5,979	8,820	
Other States 3/	5,408	4,829	7,184	6,209	
Total Western	33,759	31,037	40,502	38,213	
Total 35 States	104,901	69,163	128,273	88,086	

COMMERCIAL APPLE PRODUCTION BY STATES, AREAS AND VARIETIES
1942 and 1943.

Variety	New England				New York			
	Production		% of Total		Production		% of Total	
	1942	1943	1942	1943	1942	1943	1942	1943
	Thousand bushels		Percent		Thousand bushels		Percent	
<u>SUMMER VARIETIES</u>								
Gravenstein	180	104	2.2	1.9	---	---	---	---
Other Summer	163	97	2.0	1.8	570	490	3.0	4.0
<u>FALL VARIETIES</u>								
Grimes Golden	---	---	---	---	---	---	---	---
Jonathan	---	---	---	---	---	---	---	---
Wealthy	146	134	1.8	2.4	760	735	4.0	6.0
Other fall	86	42	1.1	.8	570	490	3.0	4.0
<u>WINTER VARIETIES</u>								
Baldwin	1,706	630	20.9	11.4	2,850	1,250	15.0	10.2
Ben Davis & Gano	24	14	.3	.3	950	735	5.0	6.0
Black Twig	---	---	---	---	---	---	---	---
Cortland	304	208	3.7	3.8	1,140	857	6.0	7.0
Delicious	304	203	3.7	3.7	760	430	4.0	3.5
Golden Delicious	---	---	---	---	---	---	---	---
McIntosh	4,464	3,582	54.8	64.5	6,077	3,800	32.0	31.0
Northern Spy	277	246	3.4	4.4	950	650	5.0	5.3
R. I. Greening	147	84	1.8	1.5	2,280	1,470	12.0	12.0
Rome Beauty	19	16	.2	.3	570	490	3.0	4.0
Stayman	19	8	.2	.1	---	---	---	---
Winesap	---	---	---	---	---	---	---	---
Yellow Newtown	---	---	---	---	---	---	---	---
York Imperial	---	---	---	---	---	---	---	---
Other winter	320	170	3.9	3.1	1,520	853	8.0	7.0
Total	8,159	5,538	100.0	100.0	18,997	12,250	100.0	100.0

New Jersey

Pennsylvania

SUMMER VARIETIES

Gravenstein	32	20	1.0	1.0	---	---	---	---
Other summer	421	304	13.0	15.0	301	152	3.0	3.0

FALL VARIETIES

Grimes Golden	97	61	3.0	3.0	301	101	3.0	2.0
Jonathan	97	41	3.0	2.0	401	203	4.0	4.0
Wealthy	65	81	2.0	4.0	200	254	2.0	5.0
Other fall	130	101	4.0	5.0	300	152	3.0	3.0

WINTER VARIETIES

Baldwin	130	20	4.0	1.0	301	127	3.0	2.5
Ben Davis & Gano	32	10	1.0	.5	301	152	3.0	3.0
Black Twig	65	40	2.0	2.0	201	76	2.0	1.5
Cortland	---	---	---	---	201	101	2.0	2.0
Delicious	324	183	10.0	9.0	903	456	9.0	9.0
Golden Delicious	97	122	3.0	6.0	201	178	2.0	3.5
McIntosh	324	162	10.0	8.0	502	203	5.0	4.0
Northern Spy	---	---	---	---	100	76	1.0	1.5
R. I. Greening	15	20	.5	1.0	30	10	.3	.2
Rome Beauty	518	426	16.0	21.0	702	456	7.0	9.0
Stayman	551	264	17.0	13.0	2,508	1,166	25.0	23.0
Winesap	97	41	3.0	2.0	100	51	1.0	1.0
Yellow Newtown	---	---	---	---	---	---	---	---
York Imperial	32	20	1.0	1.0	2,307	1,014	23.0	20.0
Other Winter	212	112	6.5	5.5	171	142	1.7	2.8
Total	3,239	2,028	100.0	100.0	10,031	5,070	100.0	100.0

COMMERCIAL APPLE PRODUCTION BY STATES, AREAS AND VARIETIES

1942 and 1943.

VARIETY	Total North Atlantic States			
	Production		% of Total	
	1942	1943	1942	1943
	Thousand bushels		Percent	
<u>SUMMER VARIETIES</u>				
Gravenstein	212	124	.5	.5
Other Summer	1,455	1,043	3.6	4.2
<u>FALL VARIETIES</u>				
Grimes Golden	398	162	11.0	.6
Jonathan	498	244	1.2	1.0
Wealthy	1,171	1,204	2.9	4.8
Other Fall	1,086	785	2.7	3.2
<u>WINTER VARIETIES</u>				
Baldwin	4,987	2,027	12.3	8.1
Ben Davis and Gano	1,307	911	3.2	3.7
Black Twig	266	116	.7	.5
Cortland	1,645	1,166	4.1	4.7
Delicious	2,291	1,272	5.7	5.1
Golden Delicious	298	300	.7	1.2
McIntosh	11,367	7,747	28.1	31.0
Northern Spy	1,327	972	3.3	3.9
R. I. Greening	2,472	1,584	6.1	6.4
Rome Beauty	1,809	1,388	4.5	5.6
Stayman	3,078	1,438	7.6	5.8
Winesap	197	92	.5	.4
Yellow Newtown	--	--	--	--
York Imperial	2,339	1,034	5.8	4.2
Other Winter	2,223	1,277	5.5	5.1
Total	40,426	24,886	100.0	100.0

VARIETY	Virginia				West Virginia			
	Production		% of Total		Production		% of Total	
	1942	1943	1942	1943	1942	1943	1942	1943
	Thousand bushels		Percent		Thousand bushels		Percent	
<u>SUMMER VARIETIES</u>								
Gravenstein	--	--	--	--	--	--	--	--
Other Summer	282	104	2.0	2.0	188	123	4.0	6.0
<u>FALL VARIETIES</u>								
Grimes Golden	423	157	3.0	3.0	469	184	10.0	9.0
Jonathan	282	105	2.0	2.0	281	102	6.0	5.0
Wealthy	--	--	--	--	--	--	--	--
Other Fall	423	104	3.0	2.0	187	82	4.0	4.0
<u>WINTER VARIETIES</u>								
Baldwin	--	--	--	--	--	--	--	--
Ben Davis and Gano	845	313	6.0	6.0	328	184	7.0	9.0
Black Twig	423	157	3.0	3.0	140	41	3.0	2.0
Cortland	--	--	--	--	--	--	--	--
Delicious	1,550	157	11.0	3.0	469	123	10.0	6.0
Golden Delicious	282	104	2.0	2.0	94	61	2.0	3.0
McIntosh	--	--	--	--	--	--	--	--
Northern Spy	--	--	--	--	--	--	--	--
R. I. Greening	--	--	--	--	--	--	--	--
Rome Beauty	141	52	1.0	1.0	234	102	5.0	5.0
Stayman	2,255	731	16.0	14.0	656	266	14.0	13.0
Winesap	1,973	783	14.0	15.0	141	61	3.0	3.0
Yellow Newtown	* 564	* 157	4.0	3.0	--	--	--	--
York Imperial	4,228	2,140	30.0	41.0	1,359	696	29.0	34.0
Other Winter	423	186	3.0	3.0	140	21	3.0	1.0
Total	14,094	5,220	100.0	100.0	4,686	2,046	100.0	100.0
Albermarle Pippin	--	--	--	--	--	--	--	--

COMMERCIAL APPLE PRODUCTION BY STATES, AREAS AND VARIETIES

1942 and 1943

VARIETY	Other South Atlantic States 1/				Total South Atlantic States			
	Production		% of Total		Production		% of Total	
	1942	1943	1942	1943	1942	1943	1942	1943
	Thousand bushels		Percent		Thousand bushels		Percent	
<u>SUMMER VARIETIES</u>								
Gravenstein	--	--	--	--	--	--	--	--
Other Summer	361	206	8.5	11.1	831	433	3.6	4.7
<u>FALL VARIETIES</u>								
Grimes Golden	204	104	4.8	5.6	1,096	445	4.8	4.9
Jonathan	119	53	2.8	2.8	683	260	3.0	2.8
Wealthy	64	42	1.5	2.3	64	42	.3	.5
Other Fall	83	57	2.0	3.1	693	243	3.0	2.7
<u>WINTER VARIETIES</u>								
Baldwin	--	--	--	--	--	--	--	--
Ben Davis and Gano	118	55	2.8	3.0	1,291	552	5.6	6.0
Black Twig	314	129	7.4	6.9	877	327	3.8	3.6
Cortland	--	--	--	--	--	--	--	--
Delicious	730	193	17.2	10.4	2,749	473	11.9	5.2
Golden Delicious	177	125	4.2	6.7	553	290	2.4	3.2
McIntosh	--	--	--	--	--	--	--	--
Northern Spy	--	--	--	--	--	--	--	--
R. I. Greening	--	--	--	--	--	--	--	--
Rome Beauty	216	105	5.1	5.6	591	259	2.6	2.8
Stayman	973	382	23.0	20.4	3,884	1,379	16.9	15.1
Winesap	85	72	2.0	3.9	2,199	916	9.6	10.0
Yellow Newtown	--	--	--	--	* 564	* 157	2.5	1.7
York Imperial	506	239	11.9	12.8	6,093	3,075	26.3	33.8
Other Winter	287	100	6.8	5.4	850	277	3.7	3.0
Total	4,237	1,862	100.0	100.0	23,017	9,128	100.0	100.0

* Abbemarle Pippin

	Ohio				Michigan			
<u>SUMMER VARIETIES</u>								
Gravenstein	--	--	--	--	--	--	--	--
Other Summer	255	139	4.0	5.7	388	381	4.2	6.2
<u>FALL VARIETIES</u>								
Grimes Golden	383	121	6.0	5.0	379	283	4.1	4.6
Jonathan	638	340	10.0	14.0	1,939	1,376	21.0	22.4
Wealthy	128	121	2.0	5.0	369	504	4.0	8.2
Other Fall	128	49	2.0	2.0	203	117	2.2	1.9
<u>WINTER VARIETIES</u>								
Baldwin	1,022	250	16.0	10.3	767	350	8.3	5.7
Ben Davis and Gano	128	49	2.0	2.0	129	110	1.4	1.8
Black Twig	--	--	--	--	--	--	--	--
Cortland	--	--	--	--	--	--	--	--
Delicious	638	194	10.0	8.0	739	326	8.0	5.3
Golden Delicious	128	121	2.0	5.0	92	74	1.0	1.2
McIntosh	253	97	4.0	4.0	1,478	897	16.0	14.6
Northern Spy	128	35	2.0	1.4	960	583	10.4	9.5
R. I. Greening	128	35	2.0	1.4	212	110	2.3	1.8
Rome Beauty	958	412	15.0	17.2	--	--	--	--
Stayman	766	218	12.0	9.0	212	68	2.3	1.1
Winesap	--	--	--	--	--	--	--	--
Yellow Newtown	--	--	--	--	--	--	--	--
York Imperial	128	40	2.0	1.7	--	--	--	--
Other Winter	575	201	9.0	8.3	1,367	965	14.8	15.7
Total	6,384	2,422	100.0	100.0	9,234	6,144	100.0	100.0

1/ See page 13 for footnote.

COMMERCIAL APPLE PRODUCTION BY STATES , AREAS AND VARIETIES

1942 and 1943.

VARIETIES	Other Central States 2/				Total Central States			
	Production		% of Total		Production		% of Total	
	1942	1943	1942	1943	1942	1943	1942	1943
	Thousand bushels		Percent		Thousand bushels		Percent	
SUMMER VARIETIES								
Gravenstein	--	--	--	--	--	--	--	--
Other Summer	771	884	8.9	12.1	1,414	1,404	5.8	8.9
FALL VARIETIES								
Grimes Golden	438	505	5.6	6.9	1,200	909	4.9	5.7
Jonathan	1,743	1,192	20.0	16.3	4,320	2,908	17.8	18.2
Wealthy	344	444	3.9	6.1	841	1,069	3.5	6.7
Other Fall	337	306	3.9	4.2	668	472	2.7	3.0
WINTER VARIETIES								
Baldwin	14	10	.2	.1	1,803	610	7.4	3.8
Ben Davis and Gano	273	218	3.1	3.0	530	377	2.2	2.4
Black Twig	15	24	.2	.3	15	24	.1	.2
Cortland	7	17	.1	.2	7	17	--	.1
Delicious	825	617	9.5	8.5	2,202	1,137	9.1	7.2
Golden Delicious	801	828	9.2	11.4	1,021	1,023	4.2	6.5
McIntosh	259	191	2.8	2.6	1,990	1,185	8.2	7.5
Northern Spy	14	10	.2	.1	1,102	628	4.5	4.0
R. I. Greening	14	4	.2	.1	354	149	1.5	.9
Rome Beauty	385	186	4.4	2.6	1,343	598	5.5	3.8
Stayman	297	272	3.4	3.7	1,275	558	5.2	3.5
Winesap	437	430	5.0	5.9	437	430	1.8	2.7
Yellow Newtown	--	--	--	--	--	--	--	--
York Imperial	127	84	1.5	1.2	255	124	1.0	.8
Other Winter	1,609	1,071	18.5	14.7	3,551	2,237	14.6	14.1
Total	8,710	7,293	100.0	100.0	24,328	15,859	100.0	100.0

	<u>Washington</u>				<u>California</u>			
<u>SUMMER VARIETIES</u>								
Gravenstein	--	--	--	--	1,315	2,470	22.0	28.0
Other Summer	50	43	.2	.2	119	88	2.0	1.0
<u>FALL VARIETIES</u>								
Grimes Golden	--	--	--	--	--	--	--	--
Jonathan	2,400	2,087	8.8	9.0	179	265	3.0	3.0
Wealthy	--	--	--	--	--	--	--	--
Other Fall	126	50	.5	.2	778	793	13.0	9.0
<u>WINTER VARIETIES</u>								
Baldwin	--	--	--	--	--	--	--	--
Ben Davis and Gano	90	70	.3	.3	--	--	--	--
Black Twig	--	--	--	--	--	--	--	--
Cortland	--	--	--	--	--	--	--	--
Delicious	11,610	9,227	42.4	39.8	538	706	9.0	8.0
Golden Delicious	413	737	1.5	3.2	--	--	--	--
McIntosh	80	80	.3	.3	--	--	--	--
Northern Spy	--	--	--	--	--	--	--	--
R. I. Greening	--	--	--	--	--	--	--	--
Rome Beauty	1,620	2,263	5.9	9.8	299	441	5.0	5.0
Stayman	270	232	1.0	1.0	--	--	--	--
Winesap	9,850	7,943	36.0	34.3	60	176	1.0	2.0
Yellow Newtown	540	232	2.0	1.0	1,973	2,470	33.0	28.0
York Imperial	--	--	--	--	--	--	--	--
Other Winter	290	220	1.1	.9	718	1,411	12.0	16.0
Total	27,339	23,184	100.0	100.0	5,979	8,820	100.0	100.0

2/ See page 13 for footnote.

COMMERCIAL APPLE PRODUCTION BY STATES, AREAS AND VARIETIES

1942 and 1943.

VARIETIES	Other Western States 3/				Total Western States			
	Production		% of Total		Production		% of Total	
	1942	1943	1942	1943	1942	1943	1942	1943
	Thousand bushels		Percent		Thousand bushels		Percent	
<u>SUMMER VARIETIES</u>								
Gravenstein	62	67	.9	1.1	1,377	2,537	3.4	6.6
Other Summer	56	66	.8	1.1	225	197	.6	.5
<u>FALL VARIETIES</u>								
Grimes Golden	63	44	.9	.7	63	44	.2	.1
Jonathan	1,444	1,090	20.0	17.2	4,023	3,442	9.9	9.0
Wealthy	23	21	.3	.3	23	21	.1	.1
Other Fall	128	92	1.8	1.5	1,032	935	2.5	2.4
<u>WINTER VARIETIES</u>								
Baldwin	--	--	--	--	--	--	--	--
Ben Davis and Gano	365	375	5.1	6.0	455	445	1.1	1.2
Black Twig	53	76	.7	1.2	53	76	.1	.2
Cortland	--	--	--	--	--	--	--	--
Delicious	1,344	1,365	18.7	22.1	13,492	11,298	33.4	29.7
Golden Delicious	34	8	.5	.1	447	745	1.1	1.9
McIntosh	172	237	2.4	3.8	252	317	.6	.8
Northern Spy	--	--	--	--	--	--	--	--
R. I. Greening	--	--	--	--	--	--	--	--
Rome Beauty	1,142	648	15.9	10.4	3,061	3,352	7.6	8.8
Stayman	62	76	.9	1.2	332	308	.8	.8
Winesap	349	312	4.9	5.0	10,259	8,431	25.3	22.1
Yellow Newtown	1,145	1,039	16.9	16.7	3,658	3,741	9.0	9.8
York Imperial	38	17	.5	.3	38	17	.1	--
Other Winter	704	676	9.8	10.9	1,712	2,307	4.2	6.0
Total	7,184	6,209	100.0	100.0	40,502	38,213	100.0	100.0
Total 35 States								

SUMMER VARIETIES

Gravenstein	1,589	2,661	1.2	3.0
Other Summer	3,925	3,077	3.1	3.5

FALL VARIETIES

Grimes Golden	2,757	1,560	2.1	1.8
Jonathan	9,523	6,854	7.4	7.8
Wealthy	2,099	2,336	1.6	2.7
Other Fall	3,479	2,435	2.7	2.8

WINTER VARIETIES

Baldwin	6,790	2,637	5.3	3.0
Ben Davis and Gano	3,583	2,285	2.8	2.6
Black Twig	1,211	543	.9	.6
Cortland	1,652	1,183	1.3	1.3
Delicious	20,734	14,180	16.3	16.0
Golden Delicious	2,319	2,358	1.8	2.7
McIntosh	13,609	9,249	10.6	10.5
Northern Spy	2,429	1,600	1.9	1.8
R. I. Greening	2,826	1,733	2.2	2.0
Rome Beauty	6,804	5,597	5.3	6.4
Stayman	8,569	3,683	6.7	4.2
Winesap	13,092	9,869	10.2	11.2
Yellow Newtown *	4,222	3,898	3.3	4.4
York Imperial	8,725	4,250	6.8	4.8
Other Winter	8,336	6,098	6.5	6.9
Total	128,273	88,086	100.0	100.0

* Or Albemarle Pippin

1/ Other South Atlantic States include Delaware, Md., and N.C.

2/ Other Central States include, Ind., Ill., Wisc., Minn., Iowa, Mo., Nebr., Kans., Ky., Tenn., and Ark.

3/ Other Western States include Mont., Idaho, Col., N. Mex., Utah, and Oreg.

